

2017 KX85-II

KX - The Bike that Builds Champions

From their first ride to lifting the trophy, legends choose KX - Created to dominate and built for winners, the KX65 and new KX85 are competition ready machines designed to encourage the green shoots of youth talent allowing it to blossom into full-blown race wins and Championship success.

Competitive, motocross race bikes that are the choice of the [Kawasaki KX Junior Squad](#).



Engine

Type	Liquid-cooled, 2-stroke Single with KIPS
Displacement	84 cm ³
Bore and Stroke	48.5 x 45.8 mm
Compression ratio	10.9:1 (low speed); 9.0:1 (high speed)
Valve system	Piston reed valve
Fuel system	Carburettor: Keihin PWK 28
Ignition	Digital CDI
Starting	Primary kick
Lubrication	Pre-mix (32:1)

Drivetrain

Transmission	6-speed, return
Final drive	Chain
Primary reduction ratio	3.400 (68/20)
Gear ratios:	1st 2.538 (33/13)
	2nd 1.875 (30/16)
	3rd 1.500 (27/18)
	4th 1.250 (25/20)
	5th 1.090 (24/22)
	6th 0.956 (22/23)
Final reduction ratio	3.571 (50/14)
Clutch	Wet multi-disc, manual

Frame

Type	Perimeter, high-tensile steel
Wheel travel:	front 275 mm
	rear 275 mm
Tyre:	front 70/100-19 42M
	rear 90/100-16 52M
Caster (rake)	29°
Trail	108 mm
Steering angle (left/right)	45° / 45°

Suspension

Front:	Type	36 mm inverted telescopic fork
	Compression damping	20-way
Rear:	Type	Uni-Trak
	Compression damping	24-way
	Rebound damping	21-way
	Spring preload	Fully adjustable

Brakes

Front:	220 mm petal disc with dual piston caliper
Rear:	184 mm petal disc with single piston caliper

Dimensions

Overall length	1,920 mm
Overall width	765 mm
Overall height	1,150 mm
Wheelbase	1,310 mm
Ground clearance	330 mm
Seat height	870 mm
Curb mass	77 kg includes all fluids at correct levels and full fuel tank
Fuel capacity	5.0 litres
Colour	Lime Green



The specifications mentioned here apply to and have been achieved by production models under standard operating conditions. We intend only to give a fair description of the vehicle and its performance capabilities but these specifications may not apply to every machine supplied for sale. Kawasaki Heavy Industries, Ltd. reserves the right to alter specifications without prior notice. Equipment illustrated and specifications may vary to meet individual markets.



Powerful 2-Stroke

A low-friction piston, latest design KIPS valve and numerous other updates give these liquid-cooled, 2-stroke racing engines increased power and torque across the rev range.



Steel Frame

The rigid, high-tensile steel perimeter frame enables young riders to push hard on the track.



6 Position Handlebar

A choice of six positions allows riders to fit the bike to their own riding position. Mounting brackets feature 2-position forward-backward adjustment while optional spacers allow 3-positions of height adjustment.



Large Radiator for Extra Cooling

The KX85's radiator has been built to work hand in hand with the power output. Keeping it all cool when the racing is getting hot.



36mm Inverted Fork

The fork offers race proven damping and bottoming resistance, enabling higher-paced riding and contributing to increased ride comfort. Front suspension performance has been stepped up to the next level thanks to Accumulating Shim-Type Valving - the same system as used on full-size KX models. Black forks guards like the larger KX models for a factory look.



Petal Disc Brakes

Disc brakes front and rear ensure strong stopping power with excellent control. Petal discs, just like the larger KX models.



Rear Suspension

The rear shock contributes to a stable ride feel, and offers easy adjustability and light weight. Black spring and green anodized adjusters add to the factory look.



Slim Fit

The minimalist bodywork, flat slim fuel tank design and the flat seat were designed to make it easier for racers to go fast. Combined with an ultra low fuel cap, enables easier body transitioning from the front to the rear of the motorcycle.



Style and Flair

All-new bodywork and racy graphics ensure the new bikes will look good in the winners' circle. Black alumite rims, black fork guards, lime green rear spring and green anodized finish on the suspension adjusters further strengthen their factory image.

KX85 - Available in 2 Sizes

A fit for everyone. Riders can choose from two available sizes: the KX85-II feature 19" front and 16" rear wheels; the KX85 is equipped with a 17" front and 14" rear.



6-Speed Transmission

The KX's smooth-shifting six-speed transmission offers a positive shifting action along with rugged durability thanks to hard chromed shift forks and new bushings added to the second, third and fourth gears on the output shaft.

Kawasaki Integrated Power Valve System

The KIPS system varies exhaust port height for increased horsepower and torque. A breather in KIPS cover relieves exhaust pressure for more precise KIPS valve action and improved high rpm performance. KIPS lever stopper spring absorbs governor over stroke for added durability. The KIPS governor has a long stroke to open the cylinder valves more fully. A governor spring and 8 mm bearing boss aid durability.

Clutch

Thick base at the clutch housing fingers for increased durability. The right hand engine cover provides a separate clutch cover for quick servicing without removing the water pump.

Authentic Kawasaki Accessories

See www.kawasaki.com.au for all of the latest Authentic Kawasaki Accessories available for this model.

*Alumite: an anodic oxidation finishing treatment for aluminium resulting in a coloured, corrosion / scratch-resistant film coating.

Accessories for KX85DHF 2017 KX85 BIG WHEEL (2787)



AIR FILTER CLEANER

* Quickly and easily removes filter oil, dirt and other contaminants * Advanced formula removes super tacky air filter oils by breaking down and solubilising the oil * Easily washes out with water * Works with both foam and fabric air filter elements * Will not degrade foam, paper or glued air filter seams * For best results use with Kawasaki Performance Air Filter Oil * 64 US FLOZ (1892mL)



CHAIN LUBE SYNTHETIC

* Advanced race proven formula designed for both on and off-road applications * Ultimate protection for your drive system from rust, corrosion, and premature wear * Super tacky formula resists "fling off" * Safe for O-ring and non O-ring chain types * 14 OZ (395g)



CLEANER WIPE DOWN

* High gloss formula specifically developed for the Powersports industry * Wipe down cleaner coats plastic, fiberglass and painted surfaces * Restores showroom shine in a few quick wipes * Makes cleaning process fast, simple and effortless * Leaves a clear coat film for extended protection against the elements * 12 US FLOZ (355mL)



COOLANT ALUMA-COOL

* Full strength engine coolant (not pre-diluted) * T-Triazole for maximum corrosion protection in aluminium cooling systems * Contains foam and rust inhibitors



DETAILER WAX AND SHINE

* The All-In-One Detailer that cleans, shines and protects all painted surfaces, chrome parts, windshields and plastics * Carnauba wax formulation provides a deep show-like shine making your vehicles painted surfaces come to life * Easy spray applicator * 12 US FLOZ (355mL)



FLUID BRAKE DOT 3&4

* Performs consistently over a broad range of temperatures * Meets all DOT 3/4 specs for universal application



GREASE MULTIPURPOSE

* Multi-purpose extreme pressure, lithium complex grease which imparts superior high and low temperature characteristics and chemical stability * High tensile strength provides durability under heavy loads, resists mechanical breakdown and water "wash-out" * Offers excellent rust & oxidation protection and is highly compatible with seals * 16 OZ (454g)



MOTO MINDER HOUR METER

* MM is an engine hour meter specifically designed for use in the harsh environment of motocross racing. As such, it will operate reliably in a number of other applications * - Motorcycles - MM has been specifically designed for motocross racing * It is also useful for tarmac race bikes, ATVs, enduro bikes, karts etc * Note: MM will operate on the new generation "pencil coil" ignitions * - Marine - MM is fully spec'd for saltwater marine use * Applications include outboard motors, jet skis and other recreational and race craft * MM has a dual purpose input circuit * This means that the red sense wire can be cable tied along a sparkplug HT lead (Inductive Connection) OR it can be connected directly into a voltage supply (Direct Connection)



PREWASH - ON AND OFF ROAD

* Unique formula breakdown dirt, grime and oils while gently protecting paint and other delicate finishes * Safe on plastics, carbon fiber, paint, anodizing, aluminum, titanium, rubber * Biodegradable cleaning formula * Contains no harmful acids, CFC's or solvents * Will not harm seals or brake pads * Spray on, wash off, go ride * 32 US FLOZ (946mL)